



CALIFORNIA WING OPERATING INSTRUCTION 36

18 December 2010

Operations – Standardization/Evaluation

REQUIREMENTS FOR OPERATION OF CALIFORNIA WING TURBOCHARGED AIRCRAFT

Prior to operating a turbocharged CAP aircraft assigned to California Wing, CAP Pilots will be required to receive an operational check in the make and model of turbocharged aircraft. The CAPF 5 referred to in this document may be either an abbreviated CAPF 5 concentrating only on turbo operations or a complete CAPF 5 should the applicant wish to renew their CAPF 5.

Training Requirements

If a CAP Pilot has a current CAPF 5 in a turbocharged aircraft of similar make as of the date of this operating instruction they are exempt from the initial training and turbocharged aircraft experience checkout requirements described below.

Applicants shall complete a minimum one hour ground training session on the operation of California Wing turbocharged aircraft. Subjects to be covered include the required G1000 training slides relevant to turbocharged operations, operations requiring oxygen for both flight crew and passengers, and proper leaning and take off procedures at high density altitude airports relevant to turbocharged aircraft as well as proper cooling and engine shutdown procedures. Applicants shall be trained on the 'turbo' section of the Cessna G1000 training syllabus.

All applicants shall complete one training flight in the aircraft prior to taking the CAPF 5 or the abbreviated CAPF 5. Upon completion of the training flight, the instructor or check pilot shall determine if additional training flights are necessary before proceeding to the CAPF 5 or abbreviated CAPF 5. Included in the training and checkout shall be operational use of systems including oxygen, use of turbo charging, high altitude operations, density altitude operations, emergency operations, cooling and shutdown procedures, and regulations that affect those operations. Training sessions in the aircraft shall also reinforce the information covered in the ground training sessions.

If the applicant has at least 50 hours of prior turbocharged experience in similar make of aircraft they may proceed directly to a CAPF 5 check-ride subject to the approval of CAWG DOV.

Operating Requirements

All pilots operating California Wing turbocharged aircraft shall have a personal cannula and access to an approved flow meter with the appropriate Cessna attachments. In order to be consistent with USAF AFI 11-202V3, aircrews will normally use supplemental oxygen anytime the altitude exceeds 10,000 ft MSL. If operations above this altitude are planned crews shall ensure that they are equipped with a flow meter and cannula (or oxygen mask). When operating at altitudes above 18,000 feet, each crew member must be equipped with an oxygen mask and flow meter approved by the manufacturer for use above 18,000 feet. Crew members will be expected to know and understand the proper usage of the built-in oxygen system for both cannula and mask operations.